

Dkt. 22-08-07 Innovative Energy Solutions

Program Administrator Pre-Proposal Conference

May 5, 2022



Connecticut Public Utilities Regulatory Authority

Background

- 10/2/2019 17-12-03 Equitable Modern Grid Interim Decision:
 - Support, or remove barriers to the growth of CT’s green economy
 - Enable a cost-effective, economy-wide transition to a decarbonized future
 - Enhance customers’ access to a more resilient, reliable and secure commodity
 - Advance the ongoing energy affordability dialogue in the State
- 10/8/2019 Notice of Proceeding 17-12-03RE05, PURA Investigation into Distribution System Planning off the electric Distribution Companies- Innovative Technology Applications and Programs (Innovation Pilots)
 - Identify prospective structure that will support development of innovative technology applications and programs
 - Build upon lessons learned in Electric Efficiency Partners (EEP) program
 - Establish an appropriate cost-benefit methodology to calculate net benefits to ratepayers



Relevant Documents

Docket No 17-12-03RE05

Attachment A

PURA Innovation Framework:
Regulatory Sandbox Strategic Vision

17-12-03RE05 Dec. 22, 2020 Strategic Vision

- Outlined the concept of a regulatory sandbox
- Proposed primary program design imperatives
- Identified best practices from other jurisdictions



STATE OF CONNECTICUT

PUBLIC UTILITIES REGULATORY AUTHORITY
TEN FRANKLIN SQUARE
NEW BRITAIN, CT 06951

DOCKET NO. 17-12-03RE05 PURA INVESTIGATION INTO DISTRIBUTION
PLANNING OF THE ELECTRIC COMPANIES - INNOVATIVE TECHNOLOGY
APPLICATIONS AND PROGRAMS (INNOVATION
PILOTS)

March 30, 2022

By the following Commissioners:

17-12-03RE05 March 30, 2022 Final Decision

- Formally establishes the Innovative Energy Solutions program
- Summarizes stakeholder input and Authority findings
- Identifies next steps in program deployment

Docket No. 17-12-03RE05
Final Decision, dated March 30, 2022

Attachment B

Innovative Energy Solutions Program
Design Document

Contents

Table of Figures	2
I. Introduction	4
1.1 Procedural History	4
1.2 Purpose	4
1.3 Guiding Principles	4
1.4 Overview	4
1.4.1 Program Phases	4
1.4.2 Innovation Support Services	4
1.4.3 Participation Pathways	4
1.4.4 Eligibility and Metrics	4
1.4.5 Transparency	4
1.4.6 Risk Mitigation and Contingencies	4

Final Decision, Attachment B

- Establishes program design, structure, governance, and tools for deployment
- Detailed description of the role of Program Administrator in program governance



STATE OF CONNECTICUT

PUBLIC UTILITIES REGULATORY AUTHORITY

DOCKET NO. 22-08-07

INNOVATIVE ENERGY SOLUTIONS PROGRAM CYCLE 01

REQUEST FOR PROPOSALS TO RETAIN A PROGRAM ADMINISTRATOR
RFP #2022-02

Innovative Energy Solutions

In accordance with the General Statutes of Connecticut (Conn. Gen. Stat.) § 16-18a, the Public Utilities Regulatory Authority (Authority or PURA) intends to retain a person(s) or organization(s) to serve as a Program Administrator to assist Authority staff in Docket No. 22-08-07, Innovative Energy Solutions Program Cycle 01 and administer the first program cycle of the Innovative Energy Solutions (IES) Program to support the ongoing development of innovative technology solutions and applications.

The Authority hereby issues this Request for Proposals (RFP) and seeks proposals for administration of the IES Program from qualified person(s) or organization(s) (Participants).

Release Date

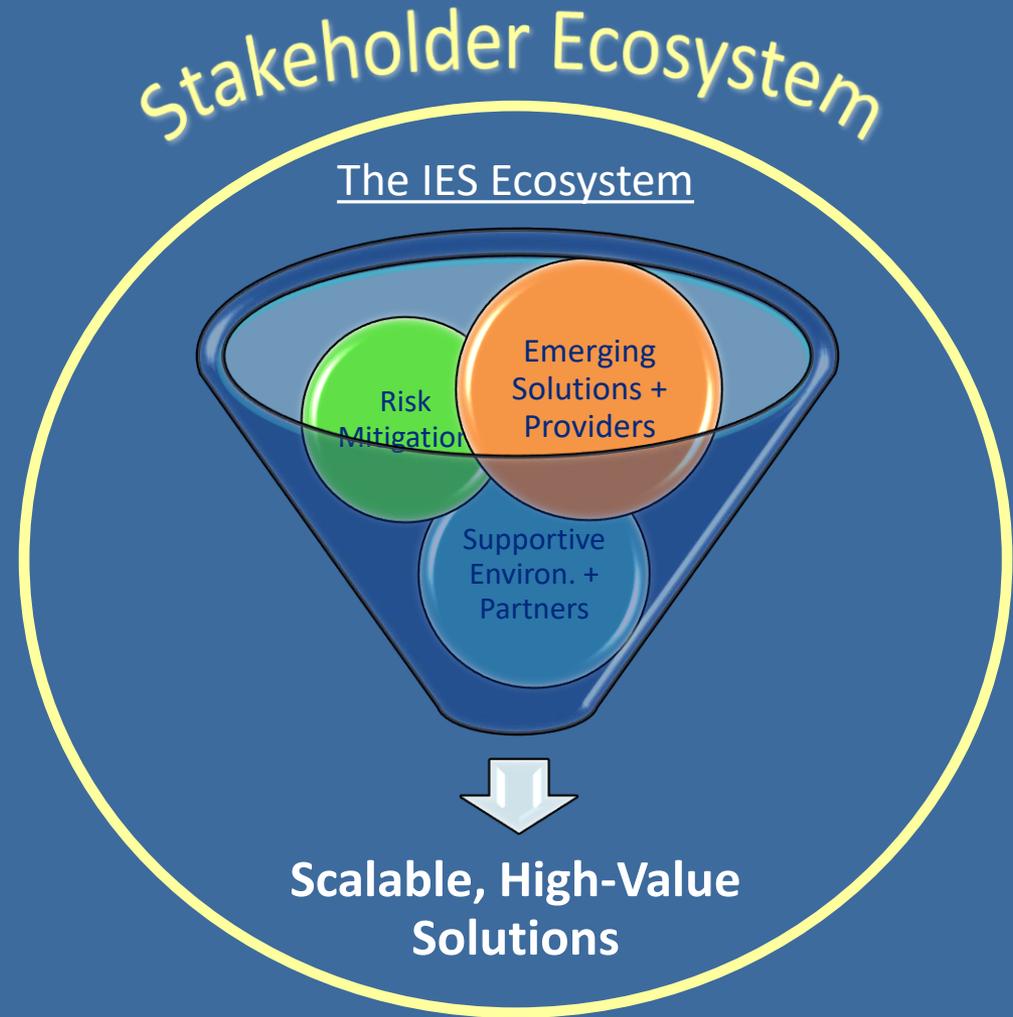
April 26, 2022

Program Administrator RFP

- Summary of Program Administrator role
- Specifies Program Administrator proposal requirements and details
- Outlines RFP schedule and procedures

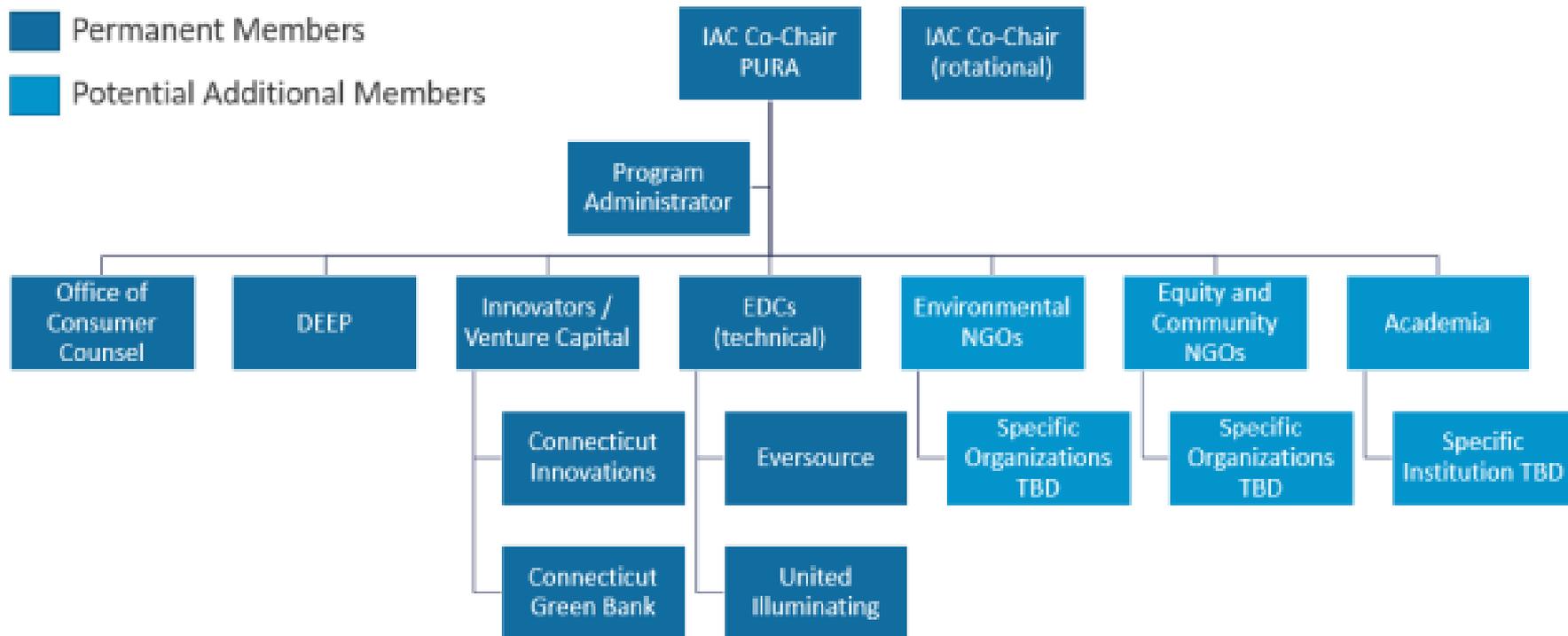
Program Objective

“...balance the potential rewards and opportunities that innovation can deliver by maintaining several controls throughout pilot selection and deployment to ensure value and minimize ratepayer risk.” –March 30, 2022, Final Decision



Program Governance

Figure 7. IAC Structure



Source: PURA, *Final Decision- Attachment B*, March 30, 2022, PURA Docket No. 17-12-03RE05



Connecticut Public Utilities Regulatory Authority

Program Guiding Principles



Economic Viability and Equity

- Deliver benefits to all customer classes & segments
- Develop green jobs
- Effectively use customer funds to deploy cost-effective projects



Transparency

- Clearly communicate pilot project economics, goals & objectives for proposed projects, and decision-making criteria



Diversity & Market Gaps

- Bridge gaps in existing programming
- Enable breadth and diversity of customer-facing solutions



Scalability

- Demonstrate the potential to scale up past the initial pilot phase
- Deliver benefits to a wide set of customers



Continuous Learning

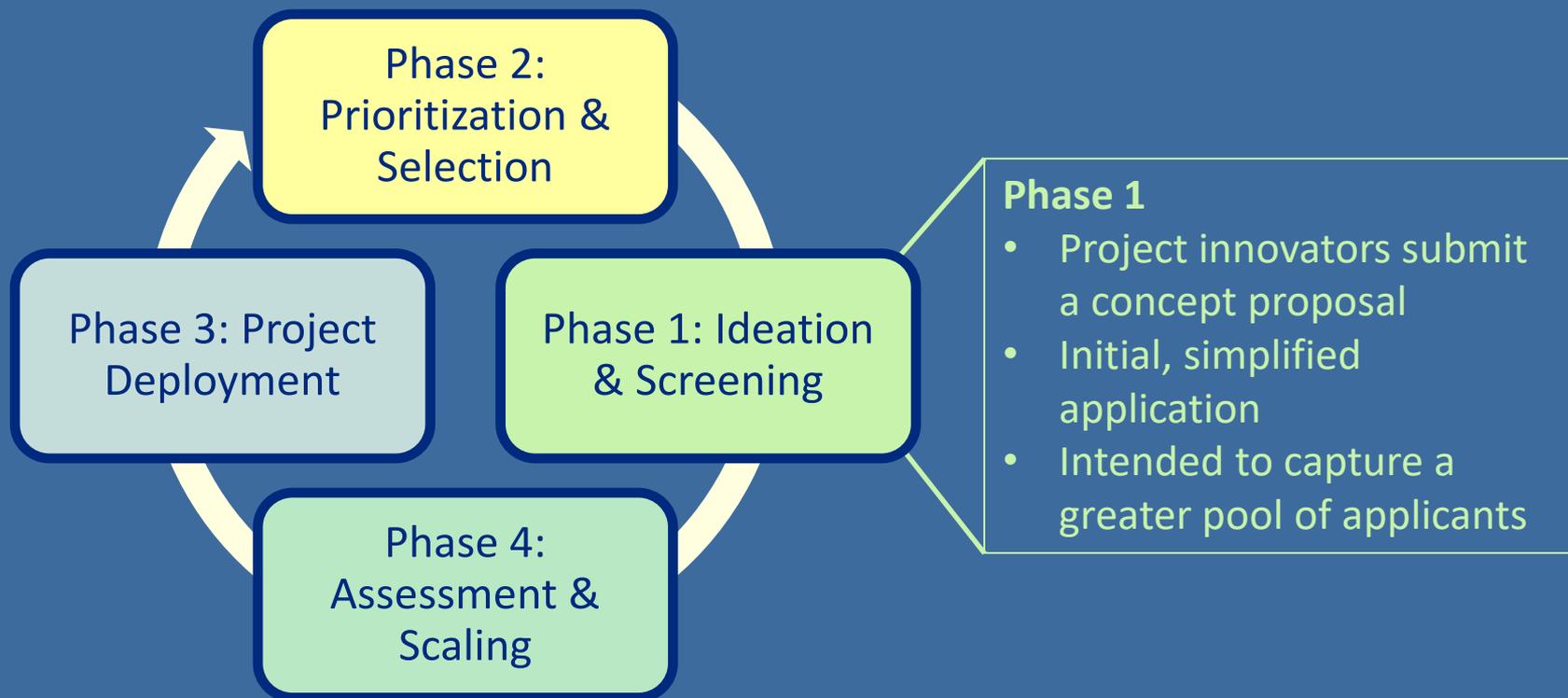
- Integrate feedback and lessons learned from applicants, innovators, and stakeholders
- Improve the program over time

Source: Straten Presentation, *Equitable Modern Grid: Innovation Pilots Framework*, April 8, 2021, PURA Docket No. 17-12-03RE05

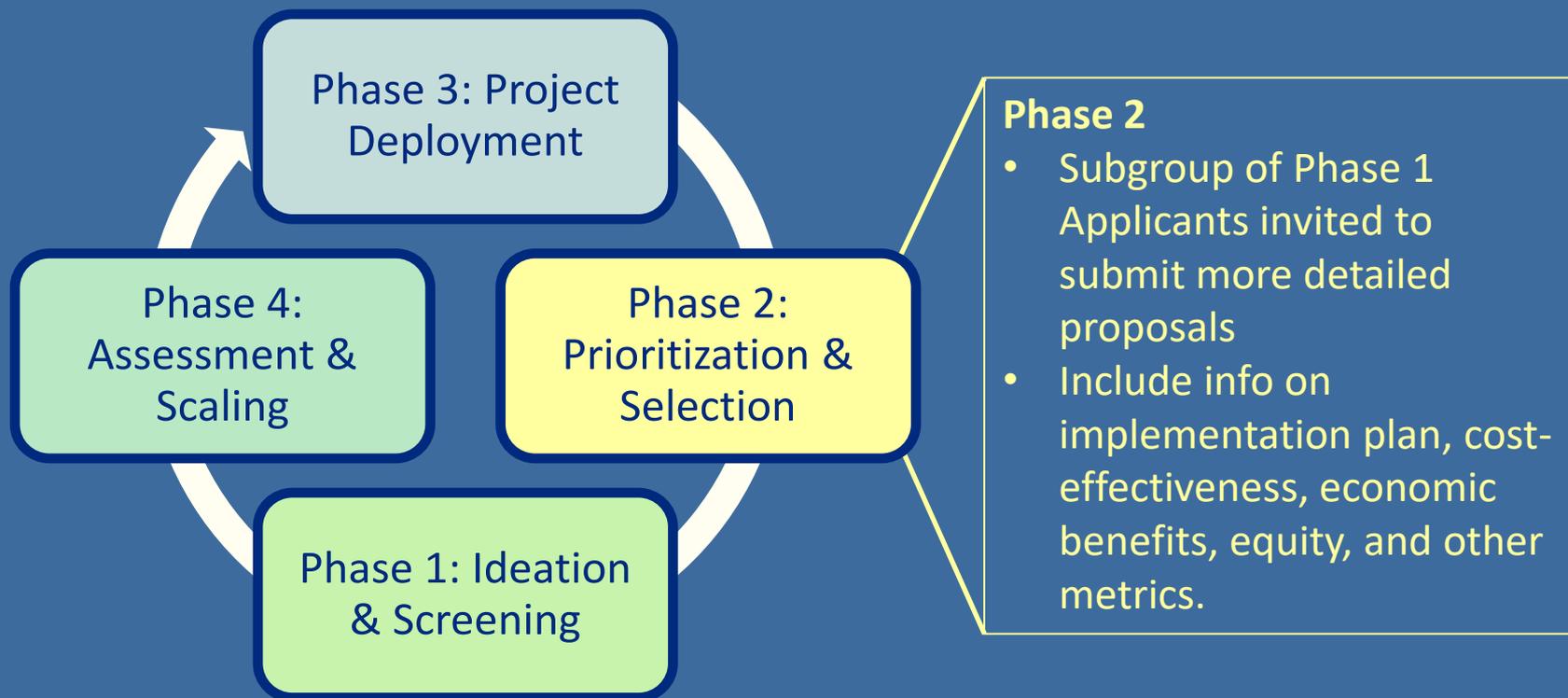


Connecticut Public Utilities Regulatory Authority

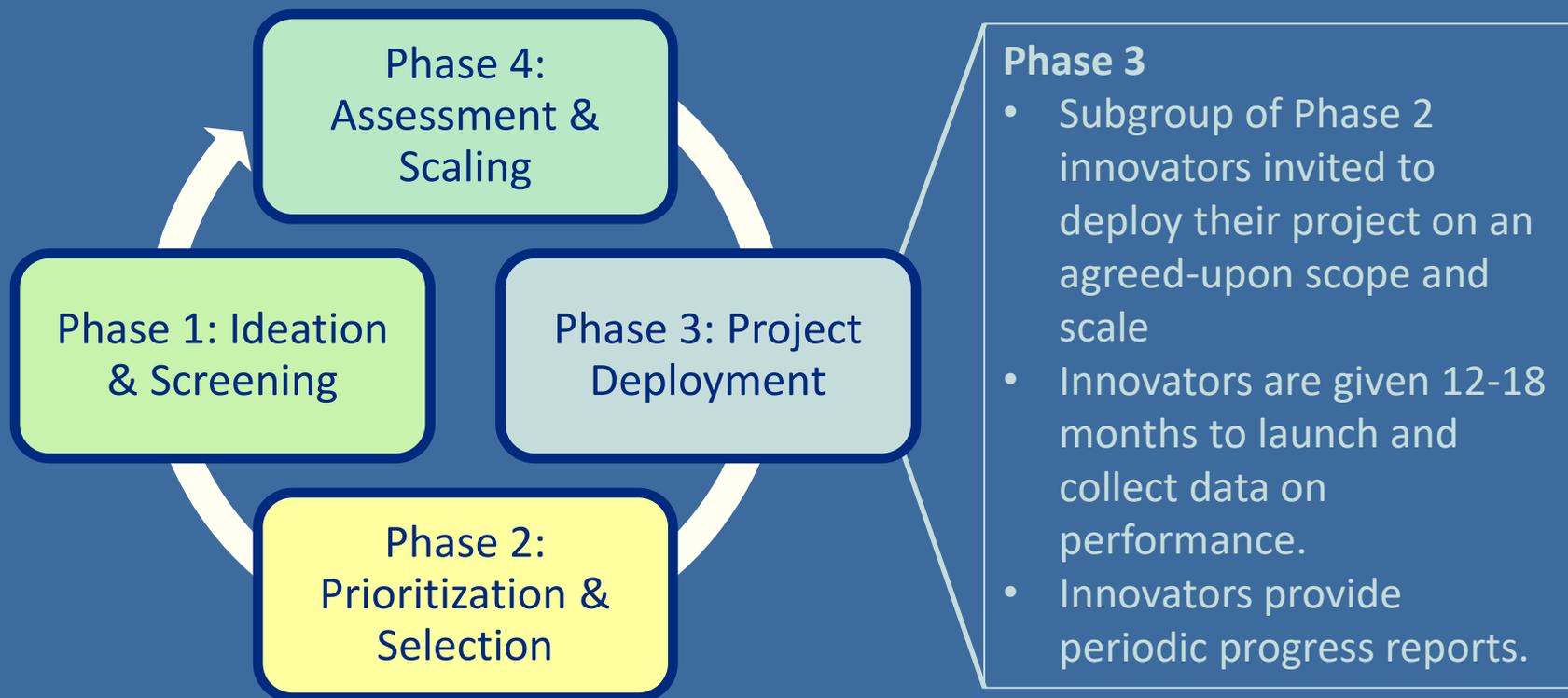
Program Design



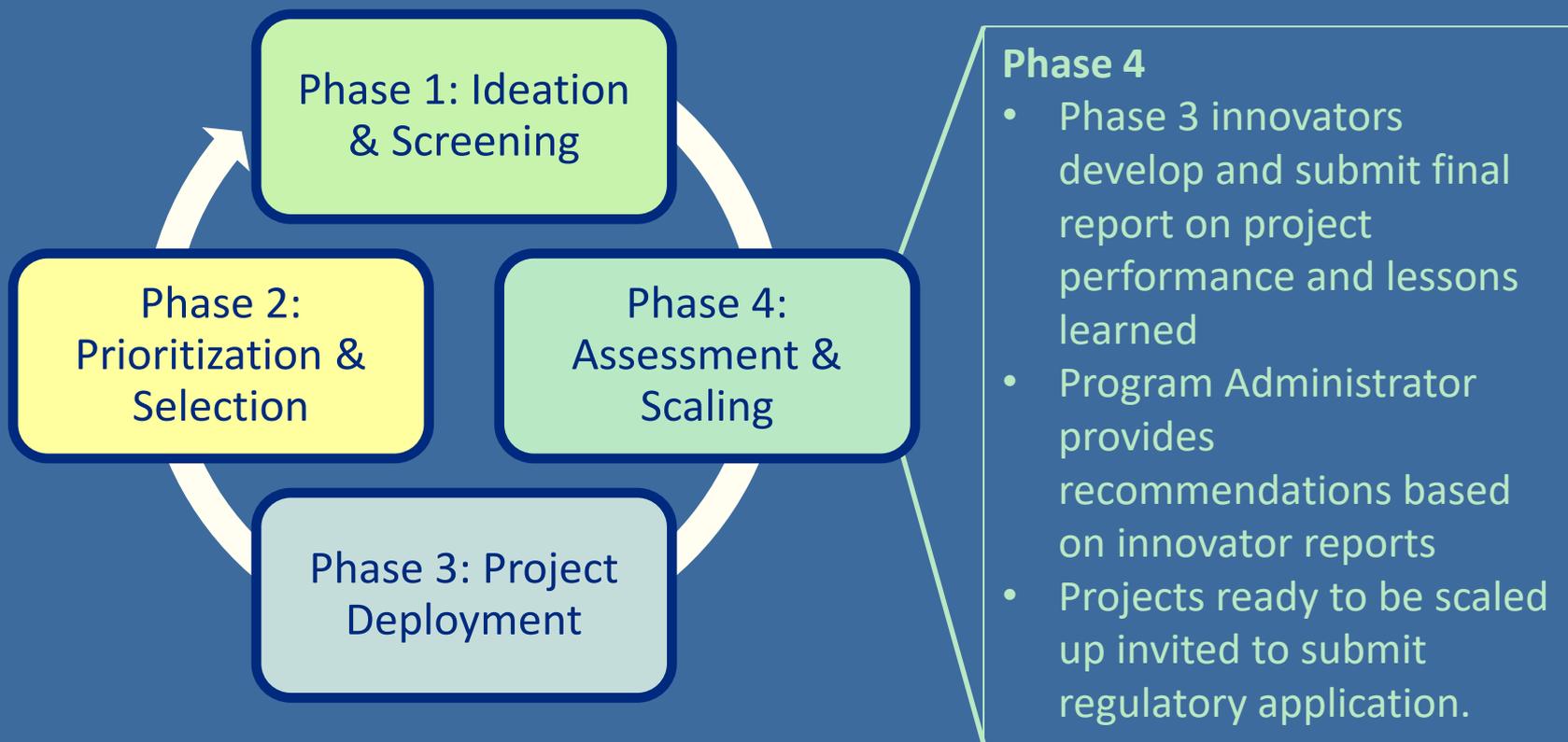
Program Design



Program Design



Program Design



Program Administrator Role and Responsibilities

	General Role (Across Phases)	Responsibilities			
		Phase 1	Phase 2	Phase 3	Phase 4
Program Administrator	<ul style="list-style-type: none"> • Neutral, third-party consultant to the Authority (extension of Staff) • Executive secretary to the IAC • Organizes IAC meetings • Facilitates PURA's engagement with the IAC • Provides input on the overall success of the IES • Suggests opportunities for improvement • Develop & communicate cycle schedule • Develop online portal platform and other IES resources • Assist PURA with development of a cost-benefit analysis template 	<ul style="list-style-type: none"> • Marketing and outreach • Host Innovation Workshop(s) • Assist PURA with concept proposal review and selection schedule • Manage innovation support services • Coordinate communications and information requests with the utilities 	<ul style="list-style-type: none"> • Provide admin. and logistical support • Support PURA with selection of projects for detailed proposals • May contribute post-decision communications 	<ul style="list-style-type: none"> • Conduct annual performance reviews of deployed projects • Provide appropriate support and oversight of projects via review meetings • Manage innovation support services 	<ul style="list-style-type: none"> • Assist in refining evaluation criteria and evaluating projects • Prepare report of recommendations based on final reports submitted by innovators to assist PURA in determining which projects should be recommended for deployment at scale



Key Deliverables

Pre-Cycle

- Organizing IAC meetings and meeting minutes
- Marketing and outreach materials/ initiatives
- Cycle schedule
- Online program portal
- Cost-benefit analysis template

Phase 1 & 2

- Innovation workshop(s)
- Organizing IAC meetings and meeting minutes

Phase 3

- Performance reviews of deployed projects

Phase 4

- Report of recommendations based on innovator final reports



Proposal Requirements

- See Table 1 in Section III of the RFP
 - Contains all required proposal components
 - Please prepare proposals in the sequence given by this table
- See the *Cost Estimate Breakdown by Annual Proceeding* template in Section III.F of the RFP
 - Allows reporting across standard cost categories for comparison



Next Steps

Event	Date	Action
<i>Release Date</i>	<i>April 25th, 2022</i>	<i>Passed</i>
<i>Note of Intent to Bid</i>	<i>May 4th, 2022</i>	<i>Passed</i>
<i>Pre-Proposal Conference</i>	<i>May 5th, 2022</i>	<i>Passed</i>
Deadline for RFP Questions	May 12 th , 2022	Submit to PURA.RFP@ct.gov
RFP Clarifications from PURA	May 20 th , 2022	Posted in Dkt. 22-08-07 & RFP website
Proposal Due Date	May 27 th , 2022	Submit to PURA.RFP@ct.gov
Tentative Selection Date	End of June 2022	Selected bidders notified via email
Program Cycle 1 Launch	Early Q1, 2023	Roles/responsibilities/ deliverables

[See RFP for more details on each event below.](#)



Questions?

PURA.RFP@ct.gov

[PURA IES Program Administrator RFP](#)

